



# Respiratory Disease Cluster Medical Record Form

Form Approved

OMB No. 0920-1011

This form is intended to be used as a supplement to the Novel Influenza A Case Report Form for patients with severe outcomes (hospitalization or death). Please complete all sections of this form for each patient with a severe outcome in addition to the Novel Influenza A Case Report Form. Once this form is complete, please submit it as an email attachment to [CaseReportForms@cdc.gov](mailto:CaseReportForms@cdc.gov) or fax the completed form to 404-471-8119.

| I. Reporter Information   |  |   |   |
|---|--|---|---|
| State/Territory _____   | State/Territory Epi Case ID _____  | State/Territory Lab ID _____  |   |
| Date form completed: ____/____/____   |  | CDC Case ID _____   |   |
| Person completing form: _____   | First Name: _____  | Last Name: _____  | Phone: _____ Email: _____   |
| What are the source(s) of data for this report? (check all that apply) <input type="checkbox"/> Medical chart <input type="checkbox"/> Death certificate <input type="checkbox"/> Case report form <input type="checkbox"/> Other _____     |  |   |   |
| II. Patient Information and Medical Care  |  |   |   |
| 1. Patient Date of birth: ____/____/____ (mm/dd/yyyy)   |  |   |   |
| 2. Did the patient have an outpatient or ER medical care encounter during this illness?   |  | <input type="checkbox"/> Yes, date: ____/____/____ (if multiple, list most recent)  | <input type="checkbox"/> No <input type="checkbox"/> Unknown  |
| 3. Was the patient admitted to the hospital for this illness?   |  | <input type="checkbox"/> Yes, date: ____/____/____ Time: ____:____ <input type="checkbox"/> AM <input type="checkbox"/> PM  | <input type="checkbox"/> No <input type="checkbox"/> Unknown  |
| 4. Was patient hospitalized previously at another facility during this illness? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown   |  |   |   |
| Admission date: ____/____/____  |  | Discharge date: ____/____/____ Was discharge from prior hospital a transfer? <input type="checkbox"/> Yes <input type="checkbox"/> No   |   |
| Please note initial vital signs at hospital admission/ER presentation. Date taken: ____/____/____ (mm/dd/yyyy)  |  |   |   |
| 5. Body Mass Index: _____   | 6. Height _____  | <input type="checkbox"/> Inches <input type="checkbox"/> Height Unknown   | 7. Weight: _____ <input type="checkbox"/> Lbs. <input type="checkbox"/> Kg. <input type="checkbox"/> Weight Unknown |
| 8. Blood Pressure ____/____   | 9. Respiratory Rate ____ per min   | 10. Heart Rate _____ beats/min  | Temperature: ____ <input type="checkbox"/> °C <input type="checkbox"/> °F   |
| 11. O <sub>2</sub> Sat ____%  | 12. Fraction of inspired oxygen ____ L <input type="checkbox"/> % <input type="checkbox"/> | 13. Using: <input type="checkbox"/> O <sub>2</sub> mask <input type="checkbox"/> room air <input type="checkbox"/> ventilator<br>Specify O <sub>2</sub> mask type: _____  |   |
| III. Illness Signs and Symptoms   |  |   |   |
| 14. Please mark all signs and symptoms experienced or listed in the admission note.   |  | Date of initial symptom onset: ____/____/____   |   |
| <input type="checkbox"/> Fever (measured) highest temp. ____ <input type="checkbox"/> °C <input type="checkbox"/> °F Date of fever onset ____/____/____ (mm/dd/yyyy)  |  |   |   |
| <input type="checkbox"/> Feverishness (temperature not measured)  |  | <input type="checkbox"/> Wheezing   |   |
| <input type="checkbox"/> Cough <input type="checkbox"/> With sputum (i.e., productive) <input type="checkbox"/> Hemoptysis or bloody sputum   |  | <input type="checkbox"/> Chills <input type="checkbox"/> Headache <input type="checkbox"/> Excessive crying/fussiness (< 5 years old)   |   |
| <input type="checkbox"/> Sore throat  |  | <input type="checkbox"/> Fatigue/weakness   |   |
| <input type="checkbox"/> Runny nose (rhinorrhea)  |  | <input type="checkbox"/> Muscle pain/myalgia  |   |
| <input type="checkbox"/> Dyspnea/difficulty breathing   |  | Location _____  |   |
| <input type="checkbox"/> Chest pain   |  | <input type="checkbox"/> Seizure  |   |
| <input type="checkbox"/> Altered mental status  |  | <input type="checkbox"/> Red or draining eyes (conjunctivitis)  |   |
| <input type="checkbox"/> Abdominal pain   |  | <input type="checkbox"/> Vomiting   |   |
| <input type="checkbox"/> Diarrhea   |  | <input type="checkbox"/> Rash, location _____   |   |
| <input type="checkbox"/>  |  | Other: _____  |   |
| IV. Patient Medical History   |  |   |   |
| 15. Does the patient have any of the following pre-existing medical conditions? Check all that apply.   |  |   |   |
| 15a. <input type="checkbox"/> Asthma/Reactive Airway Disease  |  | 15h. <input type="checkbox"/> Immunocompromising Condition  |   |
| 15b. <input type="checkbox"/> Chronic Lung Disease <input type="checkbox"/> Emphysema/COPD <input type="checkbox"/> Other: _____  |  | <input type="checkbox"/> HIV infection <input type="checkbox"/> AIDS or CD4 count < 200 <input type="checkbox"/> Stem cell transplant (e.g., bone marrow transplant) <input type="checkbox"/> Organ transplant <input type="checkbox"/> Cancer diagnosis within last 12 months (excluding non-melanoma skin cancer) Type: _____ |   |
| 15c. <input type="checkbox"/> Chronic Metabolic Disease <input type="checkbox"/> Diabetes Insulin dependent <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Other: _____ |  | <input type="checkbox"/> Chemotherapy within last 12 months <input type="checkbox"/> Primary immune deficiency <input type="checkbox"/> Chronic steroid therapy (within 2 weeks of admission) <input type="checkbox"/> Other: _____   |   |



# Ventura UAC Respiratory Disease Cluster Hospitalization Case Investigation Form

- 15d.  **Blood disorders/Hemoglobinopathy**  
 Sickle cell disease  
 Splenectomy/Asplenia  
 Other: \_\_\_\_\_

- 15i.  **Renal Disease**  
 Chronic kidney disease/chronic renal insufficiency  
 End stage renal disease  
 Dialysis  
 Nephrotic syndrome  
 Other: \_\_\_\_\_

- 15e.  **Cardiovascular Disease (excluding hypertension)**  
 Atherosclerotic cardiovascular disease  
 Cerebral vascular incident/Stroke  
     With disability  Yes  No  Unknown  
 Congenital heart disease  
 Coronary artery disease (CAD)  
 Heart failure/Congestive heart failure  
 Other: \_\_\_\_\_

- 15j.  **Other**  
 Liver disease  
 Scoliosis  
 Obese or BMI ≥ 30  
 Morbidly obese or BMI ≥ 40  
 Down syndrome  
 Pregnant, gestational age in weeks: \_\_\_\_\_  Unknown  
 Post-partum (≤ 6 weeks)  
 Current smoker  
 Drug abuse  
 Alcohol abuse  
 Other: \_\_\_\_\_

- 15f.  **Neuromuscular or Neurologic disorder**  
 Muscular dystrophy  
 Multiple sclerosis  
 Mitochondrial disorder  
 Myasthenia gravis  
 Cerebral palsy  
 Dementia  
 Severe developmental delay  
 Plegias/Paralysis  
 Epilepsy/Seizure disorder  
 Other: \_\_\_\_\_

**PEDIATRIC CASES ONLY (<18 years old)**

**Abnormality of upper airway**     Yes     No     Unknown  
**History of febrile seizures**     Yes     No     Unknown  
**Premature**     Yes     No     Unknown  
 (gestational age < 37 weeks at birth for patients < 2yrs)  
 If yes, specify gestational age at birth in weeks: \_\_\_\_\_  
 Unknown gestational age at birth

- 15g.  **History of Guillain-Barré Syndrome**

## V. Hematology and Serum Chemistries

16. Were any hematology or serum chemistries performed at hospital admission/presentation to care?     Yes     No (skip to Q. 35)     Unknown (skip to Q. 35)

Please note initial values at admission/presentation to care. Date values were taken: \_\_\_\_/\_\_\_\_/\_\_\_\_ (mm/dd/yyyy)

|  |   |  |
|--|---|--|
| <b>17. White blood cell count (WBC)</b> cells/mm <sup>3</sup><br><b>18. Differential:</b> Neutrophils    %<br>Bands            %<br>Lymphocytes    %<br>Eosinophils    % | <b>19. Hematocrit (Hct)</b> %<br><b>20. Platelets (Plt)</b> 10 <sup>3</sup> /mm <sup>3</sup><br><b>21. Sodium (Na)</b> U/L<br><b>21. Potassium (K)</b> U/L<br><b>22. Bicarbonate (HCO<sub>3</sub>)</b> U/L<br><b>23. Serum albumin</b> g/dL | <b>24. Serum creatinine</b> mg/dL<br><b>25. Serum glucose</b> mg/dL<br><b>26. SGPT/ALT</b> U/L<br><b>27. SGOT/AST</b> U/L<br><b>28. Total bilirubin</b> mg/dL<br><b>29. C-reactive protein (CRP)</b> mg/dL |
|--|---|--|

Please describe other significant lab findings (e.g., CSF, protein).

| 31. Type of test | Specimen type | Date (mm/dd/yyyy) | Result |
|------------------|---------------|-------------------|--------|
| 32.              |               | ____/____/____    |        |
| 33.              |               | ____/____/____    |        |
| 34.              |               | ____/____/____    |        |

## VI. Bacterial Pathogens – Sterile or respiratory site only

35. Was a pneumococcal urinary antigen test performed?     Yes     No     Unknown

If yes, result:     Positive     Negative     Unknown

35. Was a Legionella urinary antigen test performed?     Yes     No     Unknown

If yes, result:     Positive     Negative     Unknown

35. Were any bacterial culture tests performed (regardless of result)?     Yes     No (skip to Q.41)     Unknown (skip to Q.41)

36. Indicate sites from which specimens were collected (check all that apply):  
 Blood     Cerebrospinal fluid (CSF)     Bronchoalveolar lavage (BAL)  
 Sputum     Pleural fluid     Endotracheal aspirate     Other: \_\_\_\_\_

37. Was there culture confirmation of any bacterial infection?     Yes     No (skip to Q.41)     Unknown (skip to Q.41)

38a. Positive Culture 1 collection date:    38b. Specimen     Blood     Cerebrospinal fluid (CSF)     Bronchoalveolar lavage



# Ventura UAC Respiratory Disease Cluster Hospitalization Case Investigation Form

|  |                            |   |
|--|----------------------------|---|
| ____/____/____ (mm/dd/yyyy)  | <b>type:</b>               | <input type="checkbox"/> Sputum <input type="checkbox"/> Pleural fluid <input type="checkbox"/> Endotracheal aspirate <input type="checkbox"/> Other: _____<br><input type="checkbox"/> S. aureus <input type="checkbox"/> S. pyogenes <input type="checkbox"/> S. pneumoniae <input type="checkbox"/> H. influenzae <input type="checkbox"/> Other: _____<br><input type="checkbox"/> Methicillin resistant (MRSA) <input type="checkbox"/> Methicillin sensitive (MSSA) <input type="checkbox"/> Sensitivity unknown  |
| <b>38c. Pathogen(s) identified:</b>  |                            |   |
| <b>38d. If Staphylococcus aureus, specify:</b>                                 |                            |   |
| <b>39a. Positive Culture 2 collection date:</b><br>____/____/____ (mm/dd/yyyy) | <b>39b. Specimen type:</b> | <input type="checkbox"/> Blood <input type="checkbox"/> Cerebrospinal fluid (CSF) <input type="checkbox"/> Bronchoalveolar lavage (BAL)<br><input type="checkbox"/> Sputum <input type="checkbox"/> Pleural fluid <input type="checkbox"/> Endotracheal aspirate <input type="checkbox"/> Other: _____<br><input type="checkbox"/> S. aureus <input type="checkbox"/> S. pyogenes <input type="checkbox"/> S. pneumoniae <input type="checkbox"/> H. influenzae <input type="checkbox"/> Other: _____<br><input type="checkbox"/> Methicillin resistant (MRSA) <input type="checkbox"/> Methicillin sensitive (MSSA) <input type="checkbox"/> Sensitivity unknown |
| <b>39c. Pathogen(s) identified:</b>  |                            |   |
| <b>39d. If Staphylococcus aureus, specify:</b>                                 |                            |   |
| <b>40a. Positive Culture 3 collection date:</b><br>____/____/____ (mm/dd/yyyy) | <b>40b. Specimen type:</b> | <input type="checkbox"/> Blood <input type="checkbox"/> Cerebrospinal fluid (CSF) <input type="checkbox"/> Bronchoalveolar lavage (BAL)<br><input type="checkbox"/> Sputum <input type="checkbox"/> Pleural fluid <input type="checkbox"/> Endotracheal aspirate <input type="checkbox"/> Other: _____<br><input type="checkbox"/> S. aureus <input type="checkbox"/> S. pyogenes <input type="checkbox"/> S. pneumoniae <input type="checkbox"/> H. influenzae <input type="checkbox"/> Other: _____<br><input type="checkbox"/> Methicillin resistant (MRSA) <input type="checkbox"/> Methicillin sensitive (MSSA) <input type="checkbox"/> Sensitivity unknown |
| <b>40c. Pathogen(s) identified:</b>  |                            |   |
| <b>40d. If Staphylococcus aureus, specify:</b>                                 |                            |   |

## VII. Respiratory Viral Pathogens

**41. Was the patient tested for any other viral pathogens?**     Yes     No (skip to Q.42)     Unknown (skip to Q.42)

|                                    | Positive                 | Negative                 | Not Tested/Unknown       | Collection Date | Specimen Type |
|------------------------------------|--------------------------|--------------------------|--------------------------|-----------------|---------------|
| a. Respiratory syncytial virus/RSV | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| b. Adenovirus                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| c. Parainfluenza 1                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| d. Parainfluenza 2                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| e. Parainfluenza 3                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| f. Human metapneumovirus           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| g. Rhinovirus                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| h. Coronavirus                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| i. Other, specify: _____           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |
| j. Other, specify: _____           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ____/____/____  | _____         |

## VIII. Medications

**42. Did the patient receive influenza antiviral medications during illness?**     Yes     No     Unknown

|                                  | Date started   | Date stopped   | Frequency   | Dose  |
|----------------------------------|----------------|----------------|---|-------|
| Oseltamivir (Tamiflu)            | ____/____/____ | ____/____/____ | <input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID | _____ |
| Zanamivir (Relenza)              | ____/____/____ | ____/____/____ | <input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID | _____ |
| Peramivir                        | ____/____/____ | ____/____/____ | <input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID | _____ |
| Other influenza antiviral: _____ | ____/____/____ | ____/____/____ | <input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID | _____ |
| Other influenza antiviral: _____ | ____/____/____ | ____/____/____ | <input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID | _____ |

**43. Did the patient receive antibiotics during the illness?**     Yes     No     Unknown

| If yes, name  | Date started   | Date stopped   | Dose  |
|---|----------------|----------------|-------|
| <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ____/____/____ | ____/____/____ | _____ |
| <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ____/____/____ | ____/____/____ | _____ |
| <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ____/____/____ | ____/____/____ | _____ |



# Ventura UAC Respiratory Disease Cluster Hospitalization Case Investigation Form

|  |   |              |              |      |
|--|---|--------------|--------------|------|
|  | <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ___/___/___  | ___/___/___  |      |
|  | <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ___/___/___  | ___/___/___  |      |
| <b>44. Did the patient receive steroids (excluding inhaled steroids or one time injections) or other immune modulating treatment specifically for this illness?</b> <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</span> |   |              |              |      |
| If yes, name   |   | Date started | Date stopped | Dose |
|  | <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ___/___/___  | ___/___/___  |      |
|  | <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ___/___/___  | ___/___/___  |      |
|  | <input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM | ___/___/___  | ___/___/___  |      |
| <b>45. Additional treatment comments:</b>  |   |              |              |      |
|  |   |              |              |      |
|  |   |              |              |      |
|  |   |              |              |      |

**IX. Chest Radiograph – Based on final impression/conclusion of the radiology report**  
*Please include a copy of the radiology report with the form.*

|  |   |  |  |
|--|---|--|--|
| <b>46. Did the patient have a chest x-ray within 3 days of admission?</b>  | <input type="checkbox"/> Yes, date ___/___/___        | <input type="checkbox"/> No (skip to Q.52)                   | <input type="checkbox"/> Unknown (skip to Q.52)                    |
| <b>47. If yes, was the chest x-ray abnormal?</b>   | <input type="checkbox"/> Yes, date ___/___/___        | <input type="checkbox"/> No (skip to Q.52)                   | <input type="checkbox"/> Unknown (skip to Q.52)                    |
| <b>48. For the abnormal chest x-ray, please transcribe the final impression/conclusion and check all that apply:</b><br>Final impression/conclusion: |   |  |  |
|  |   |  |  |
|  |   |  |  |
| <input type="checkbox"/> <b>Consolidation:</b> →   | <input type="checkbox"/> Single lobar infiltrate      | <input type="checkbox"/> Multi-lobar infiltrate (unilateral) | <input type="checkbox"/> Multi-lobar infiltrate (bilateral)        |
|  | <input type="checkbox"/> Lobar or segmental collapse  | <input type="checkbox"/> Cavitation/Abscess/Necrosis         | <input type="checkbox"/> Round pneumonia                           |
| <input type="checkbox"/> <b>Other Infiltrate:</b> →  | <input type="checkbox"/> Alveolar (air space) disease | <input type="checkbox"/> Interstitial disease                | <input type="checkbox"/> Mixed (airspace and interstitial) disease |
| <input type="checkbox"/> <b>Pleural Effusion:</b> →  | <input type="checkbox"/> Unilateral                   | <input type="checkbox"/> Bilateral                           |  |
| <input type="checkbox"/> <b>Bronchiolitis:</b> →   | <input type="checkbox"/> Complicated                  | <input type="checkbox"/> Uncomplicated                       |  |
| <input type="checkbox"/> <b>Other:</b> →   | <input type="checkbox"/> Air leak/Pneumothorax        | <input type="checkbox"/> Lymphadenopathy                     | <input type="checkbox"/> Chest wall invasion                       |
|  | <input type="checkbox"/> Specify: _____               |  |  |
| <b>49. Did the patient have another chest x-ray within 3 days of admission?</b>  | <input type="checkbox"/> Yes, date ___/___/___        | <input type="checkbox"/> No (skip to Q.52)                   | <input type="checkbox"/> Unknown (skip to Q.52)                    |
| <b>50. If yes, was the chest x-ray abnormal?</b>   | <input type="checkbox"/> Yes, date ___/___/___        | <input type="checkbox"/> No (skip to Q.52)                   | <input type="checkbox"/> Unknown (skip to Q.52)                    |
| <b>51. For the abnormal chest x-ray, please transcribe the final impression/conclusion and check all that apply:</b><br>Final impression/conclusion: |   |  |  |
|  |   |  |  |
|  |   |  |  |
| <input type="checkbox"/> <b>Consolidation:</b> →   | <input type="checkbox"/> Single lobar infiltrate      | <input type="checkbox"/> Multi-lobar infiltrate (unilateral) | <input type="checkbox"/> Multi-lobar infiltrate (bilateral)        |
|  | <input type="checkbox"/> Lobar or segmental collapse  | <input type="checkbox"/> Cavitation/Abscess/Necrosis         | <input type="checkbox"/> Round pneumonia                           |
| <input type="checkbox"/> <b>Other Infiltrate:</b> →  | <input type="checkbox"/> Alveolar (air space) disease | <input type="checkbox"/> Interstitial disease                | <input type="checkbox"/> Mixed (airspace and interstitial) disease |
| <input type="checkbox"/> <b>Pleural Effusion:</b> →  | <input type="checkbox"/> Unilateral                   | <input type="checkbox"/> Bilateral                           |  |
| <input type="checkbox"/> <b>Bronchiolitis:</b> →   | <input type="checkbox"/> Complicated                  | <input type="checkbox"/> Uncomplicated                       |  |
| <input type="checkbox"/> <b>Other:</b> →   | <input type="checkbox"/> Air leak/Pneumothorax        | <input type="checkbox"/> Lymphadenopathy                     | <input type="checkbox"/> Chest wall invasion                       |
|  | <input type="checkbox"/> Specify: _____               |  |  |

**X. Chest CT or MRI – Based on final impression/conclusion of the radiology report**  
*please include a copy of the radiology report with the form.*

|   |  |  |   |
|---|--|--|---|
| <b>52. Did the patient have a chest CT/MRI scan within 3 days of admission?</b> | <input type="checkbox"/> Yes, date ___/___/___ | <input type="checkbox"/> No (skip to Q.56) | <input type="checkbox"/> Unknown (skip to Q.56) |
| <b>52. If yes, please select one:</b>   | <input type="checkbox"/> CT: contrast          | <input type="checkbox"/> CT: non-contrast  | <input type="checkbox"/> MRI                    |



# Ventura UAC Respiratory Disease Cluster Hospitalization Case Investigation Form

54. If yes, was the CT/MRI abnormal?  Yes, date \_\_\_\_/\_\_\_\_/\_\_\_\_  No (skip to Q.56)  Unknown (skip to Q.56)

55. For abnormal chest CT/ MRI, please check all that apply and please transcribe the final impression/conclusion:

Final impression/conclusion:

|  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Consolidation: →    | <input type="checkbox"/> Single lobar infiltrate      | <input type="checkbox"/> Multi-lobar infiltrate (unilateral) | <input type="checkbox"/> Multi-lobar infiltrate (bilateral)        |
|  | <input type="checkbox"/> Lobar or segmental collapse  | <input type="checkbox"/> Cavitation/Abscess/Necrosis         | <input type="checkbox"/> Round pneumonia                           |
| <input type="checkbox"/> Other Infiltrate: → | <input type="checkbox"/> Alveolar (air space) disease | <input type="checkbox"/> Interstitial disease                | <input type="checkbox"/> Mixed (airspace and interstitial) disease |
| <input type="checkbox"/> Pleural Effusion: → | <input type="checkbox"/> Unilateral                   | <input type="checkbox"/> Bilateral                           |  |
| <input type="checkbox"/> Bronchiolitis: →    | <input type="checkbox"/> Complicated                  | <input type="checkbox"/> Uncomplicated                       |  |
| <input type="checkbox"/> Other: →            | <input type="checkbox"/> Air leak/Pneumothorax        | <input type="checkbox"/> Lymphadenopathy                     | <input type="checkbox"/> Chest wall invasion                       |
|  | <input type="checkbox"/> Specify: _____               |  |  |

## XI. Clinical Course and Severity of Illness

56. At any time during the current illness, did the patient require or have the diagnosis of :

|  |  |                              |                              |                                  |
|--|--|------------------------------|------------------------------|----------------------------------|
| <b>a. Admission to intensive care unit (ICU)</b>   |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Admission date: ____/____/____   | Discharge date: ____/____/____                             |                              |                              |                                  |
| If multiple admissions, 2 <sup>nd</sup> ICU admission date: ____/____/____   | 2 <sup>nd</sup> ICU discharge date: ____/____/____         |                              |                              |                                  |
| <b>If more than 2 ICU admissions, please provide dates in the comments section (Q.66)</b>  |  |                              |                              |                                  |
| <b>b. Supplemental oxygen</b>  |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Date started: ____/____/____   | Date stopped: ____/____/____                               |                              |                              |                                  |
| <b>c. Ventilatory support</b>  |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Check all that apply:  | <input type="checkbox"/> Intubation                        | Date started: ____/____/____ | Date stopped: ____/____/____ |                                  |
|  | <input type="checkbox"/> ECMO                              | Date started: ____/____/____ | Date stopped: ____/____/____ |                                  |
|  | <input type="checkbox"/> CPAP                              | Date started: ____/____/____ | Date stopped: ____/____/____ |                                  |
|  | <input type="checkbox"/> BiPAP                             | Date started: ____/____/____ | Date stopped: ____/____/____ |                                  |
| <b>d. Vasopressor medications (e.g. dopamine, epinephrine)</b>   |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Date started: ____/____/____   | Date stopped: ____/____/____                               |                              |                              |                                  |
| <b>e. Dialysis (Acute)</b>   |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Date started: ____/____/____   | Date stopped: ____/____/____                               |                              |                              |                                  |
| <b>f. Resuscitation, CPR</b>   | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>g. Acute respiratory distress syndrome (ARDS)</b>   | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>h. Disseminated intravascular coagulopathy (DIC)</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>i. Hemophagocytic syndrome</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>j. Bronchiolitis</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>k. Pneumonia</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>l. Stroke (Acute)</b>   | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>m. Sepsis</b>   | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| <b>n. Shock</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |
| Type: <input type="checkbox"/> hypovolemic <input type="checkbox"/> cardiogenic <input type="checkbox"/> septic <input type="checkbox"/> toxic |  |                              |                              |                                  |
| <b>o. Acute myocarditis</b>  | <input type="checkbox"/> Yes, date started: ____/____/____ | stopped: ____/____/____      | <input type="checkbox"/> No  | <input type="checkbox"/> Unknown |



# Ventura UAC Respiratory Disease Cluster Hospitalization Case Investigation Form

|   |   |                      |                             |                                  |
|---|---|----------------------|-----------------------------|----------------------------------|
| <b>p. Acute myocardial dysfunction</b>        | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>q. Acute myocardial infarction</b>         | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>r. Seizures</b>                            | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>s. Reye's syndrome</b>                     | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>t. Acute encephalitis / encephalopathy</b> | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>u. Guillain-Barre syndrome</b>             | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>v. Rhabdomyolysis</b>                      | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>w. Acute liver impairment</b>              | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>x. Acute renal failure</b>                 | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ | <input type="checkbox"/> No | <input type="checkbox"/> Unknown |
| <b>y. Other, specify:</b><br>_____            | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ |                             |                                  |
| <b>z. Other, specify:</b><br>_____            | <input type="checkbox"/> Yes, date started: ___/___/___ | stopped: ___/___/___ |                             |                                  |

## XII. Outcomes

**57. Did the patient die during this illness?**  Yes, date \_\_\_/\_\_\_/\_\_\_  No (skip to Q.62)  Unknown (skip to Q.62)

**58. What was the location of death?**  Home  Hospital  ER  Hospice  Other, specify \_\_\_\_\_

**59. Did the patient have a DNR (do not resuscitate) order?**  Yes  No  Unknown

**60. Was an autopsy performed?**  Yes (please attach a copy of the autopsy form to this report if available)  No  Unknown

**61. What were the causes of death (immediate and underlying) in order of appearance on the death certificate or medical record?**

|    |    |    |
|----|----|----|
| 1. | 4. | 7. |
| 2. | 5. | 8. |
| 3. | 6. | 9. |

**62. Has the patient been discharged from the hospital?**  Yes, date \_\_\_/\_\_\_/\_\_\_  No  Unknown

**63. If yes, please indicate to where:**  Home  Other hospital  Hospice  Rehabilitation Facility  
 Other long-term care facility  Other, specify: \_\_\_\_\_  Unknown

**63. If no, please indicate status:**  Hospitalized on ward  Hospitalized in ICU  Died

**64. If patient was pregnant, please indicate pregnancy status at discharge or final update:**

|   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Still pregnant | <input type="checkbox"/> Uncomplicated labor/delivery | <input type="checkbox"/> Complicated labor/delivery Describe _____ | <input type="checkbox"/> Fetal loss Date ___/___/___ |
|---|---|--|--|

**64. If pregnancy resulted in delivery, please indicate neonatal outcome:** Birth date: \_\_\_/\_\_\_/\_\_\_

|  |   |   |                                  |
|--|---|---|----------------------------------|
| <input type="checkbox"/> Healthy newborn | <input type="checkbox"/> Ill newborn, describe: _____ | <input type="checkbox"/> Newborn died: Date ___/___/___ | <input type="checkbox"/> Unknown |
|--|---|---|----------------------------------|

**65. Additional notes regarding discharge:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## XIII. Additional Comments

**66. Additional Comments:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

